

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as shown below in marked-up form.

Please amend the paragraph beginning on page 9, line 11, with the following amended paragraph:

A circular aperture 218 with a circular opening limits an ablation area to a circular shape, and its opening diameter is changed by an aperture driving unit 219. A slit aperture 200 with a slit opening limits the ablation area to a slit shape, and its opening width and opening direction are changed by an aperture driving unit 221. Mirrors 222 and 223 change the direction of the beam. A projection lens 224 [projects] is for projecting images of the openings of the circular aperture 218 and the slit aperture 220 onto the cornea Ec of the eye E.

Please amend the paragraph beginning on page 14, line 19, and continuing on page 15, with the following amended paragraph:

Then, the data on the image of the anterior-segment including the marks M1 to M4 is transferred (inputted) to the computer 209. The computer 209 processes the image to obtain (detect) and store positional information on the marks M1 to M4 (distances between the marks, distances with respect to the pupil center position, lengths of the respective marks, and the like) in the reference state. [Besides] Alternatively, the processing may be performed by the measurement apparatus 1, and only the positional information may be transferred (inputted) to the computer 209.

Please amend the paragraph beginning on page 25, line 13, with the following amended paragraph:

Besides, also in the measurement apparatus 1, [a constitution is employed where] light for forming a similar corneal reflex is projected from an image-pickup optical axis direction, and the positional relationship between the reflex Pr and the pupil center position Epc is previously obtained by picking up the image of the anterior-segment of the eye E before the surgery. This positional relationship is taken as the reference state.